

JAN 04 2007

Application No. 09/823,940
Amendment dated January 4, 2007
After Allowance Under 37 C.F.R. 1.312

Docket No.: 102374-0015

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning at page 19, line 22, with the following amended paragraph:

The call processing subsystem also supports class 4 and class 5 basic and supplementary telephony services on POTS line over GR303 interface. ~~Appendix A~~ The section entitled "Class 5 Feature List", *infra*, provides a list of class 4 and class 5 features that are supported. In addition, the subsystem supports TCAP applications. For example, it supports 800 number service, Local Number Portability (LNP), and Calling Name Delivery (CND) applications over TCAP/SS7.

Please replace the paragraph beginning at page 73, line 13, with the following amended paragraph:

The parser 102 is preferably a validating parser that compares the lexical structure, e.g., syntax, of the textual description 104, i.e., the state machine document, with a reference lexical structure 108, herein referred to as logic document type definition (DTD), to ensure that the structure of the textual description 104 conforms with a pre-defined structure. For example, this validation step ensures that the structure of the textual description that defines a state machine is consistent with a pre-defined structure for defining state machines. ~~Appendix F provides an~~ Provided at the end of this specification is an example of a logic document type definition which provides a reference lexical structure for defining a state machine.

Please replace the paragraph beginning at page 92, line 9, with the following amended paragraph:

The following ~~appendices~~ text provides further details regarding the method and system of the invention.

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Please delete the paragraph beginning at page 92, line 12, which starts with "Described above are systems" and ends with "structures other than OOP objects."

Please replace the paragraph beginning at page 93, line 1, with the following amended paragraph:

~~APPENDIX A:~~ CLASS 5 Feature List

This ~~appendix text~~ provides exemplary list of class 5 features that a TSP system of the invention can implement.[[.]]

Please replace the paragraph beginning at page 95, line 1, with the following amended paragraph:

~~APPENDIX B:~~ Feature Analysis

This ~~appendix text~~ provides a brief description of the a number of services listed in ~~appendix A, the section above entitled CLASS 5 Feature List~~. The descriptions are extracted from Bellcore LSSGR.

Please replace the paragraph beginning at page 105, line 1, with the following amended paragraph:

~~APPENDIX C~~

This ~~appendix text~~ provides an exemplary supplementary document type definition for CPML. It further provides examples of CPML+ scripts for call control, and an example of an endpoints feature description in CPML+.

Please replace the paragraph beginning at page 112, line 1, with the following amended paragraph:

~~APPENDIX D~~

———This ~~appendix text~~ presents call waiting CPLM+ scripts, and a call waiting logic that can be better understood with reference to FIGURE 34.

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Please replace the paragraph beginning at page 118, line 1, with the following amended paragraph:

~~APPENDIX E:~~ TMN Compliance

———Telephone service providers, e.g., CLEC and ILEC, use many Operations Systems (OSs) to provide centralized support for the maintenance and administration of the telephony network equipment. More often than not, the network equipment are obtained from different vendors all over the world. Thus, the tasks of incorporating heterogeneous network equipment and providing seamless end-to-end services to customers have become very challenging. Telecommunications Managed Network (TMN) recommendations are defined by ITU in the M.3000 series to provide a framework for a standardized mechanism to manage the networks. TMN enables the service providers to achieve interoperability across all managed networks over heterogeneous network equipment.

Please replace the paragraph beginning at page 120, line 1, with the following amended paragraph:

~~APPENDIX F~~

———This ~~Appendix text~~ provides an example of a reference lexical structure for defining a state machine.

Please add the following new paragraph beginning at page 127, line 49:

Described above are systems and methods meeting the desired goals. Those skilled in the art will, of course, appreciate the illustrated embodiment is merely and example of the invention and that modifications can be made thereto without departing from the scope of the invention. By way of non-limiting example, it will be appreciated that markup languages other than HTML, XML, CPML and so forth, as described above, may be utilized in practice of the invention. By way of further example, it will be appreciated that the

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methods and systems may be implemented with programming structures other than OOP objects.